

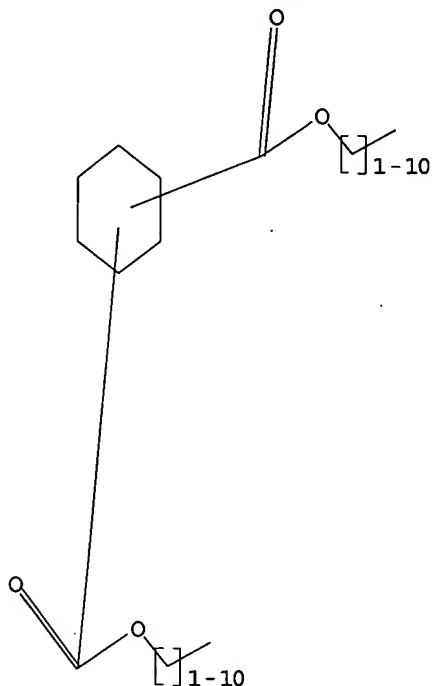
loading C:\Program Files\Stnexp\Queries\287.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 18:39:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 69296 TO ITERATE

2.9% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

33 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1370252 TO 1401588
PROJECTED ANSWERS: 20839 TO 24895

L2 33 SEA SSS SAM L1

L3 52 L2

=> s l1 full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 18:39:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1381725 TO ITERATE

72.4% PROCESSED 1000000 ITERATIONS

14423 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.13

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1381725 TO 1381725

PROJECTED ANSWERS: 19505 TO 20351

L4 14423 SEA SSS FUL L1

L5 6324 L4

=> s l5 and py<1999

19136779 PY<1999

L6 3820 L5 AND PY<1999

=> s l6 an acid number and sulfur and phosphorous and peroxide

MISSING OPERATOR L6 AN

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s l6 and acid number and sulfur and phosphorous and peroxide

4182231 ACID

122278 NUMBER

1209 ACID NUMBER

(ACID(W)NUMBER)

353246 SULFUR

97 PHOSPHOROUS

204117 PEROXIDE

L7 0 L6 AND ACID NUMBER AND SULFUR AND PHOSPHOROUS AND PEROXIDE

=> s l6 and acid number and sulfur and peroxide

4182231 ACID

122278 NUMBER

1209 ACID NUMBER

(ACID(W)NUMBER)

353246 SULFUR

204117 PEROXIDE

L8 0 L6 AND ACID NUMBER AND SULFUR AND PEROXIDE

=> s l6 and sulfur

353246 SULFUR

L9 32 L6 AND SULFUR

=> s l6 and phosphorus

300194 PHOSPHORUS

L10 38 L6 AND PHOSPHORUS

=> s l6 and phosphorus and sulfur

300194 PHOSPHORUS
353246 SULFUR

L11 2 L6 AND PHOSPHORUS AND SULFUR

=> s 19 and 110

L12 2 L9 AND L10

=> d 1-2 ibib abs hitstr

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:818574 CAPLUS

DOCUMENT NUMBER: 123:202246

TITLE: Curable composition, thermal latent acid catalyst,
method of coating, coated article, method of molding
and molded article.

INVENTOR(S): Nakane, Yoshinori; Mizutani, Hiroki; Ishibashi,
Hayato; Ishidoya, Masahiro

PATENT ASSIGNEE(S): Nof Corp., Japan

SOURCE: Eur. Pat. Appl., 83 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 643112	A2	19950315	EP 1994-113667	19940901 <--
EP 643112	A3	19960515		
EP 643112	B1	19970730		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
ES 2106422	T3	19971101	ES 1994-113667	19940901 <--
US 5922633	A	19990713	US 1997-844050	19970418
US 6030571	A	20000229	US 1997-862057	19970522
JP 2005036236	A2	20050210	JP 2004-241648	20040820
PRIORITY APPLN. INFO.:			JP 1993-243512	A 19930906
			JP 1993-243513	A 19930906
			JP 1994-58368	A 19940304
			JP 1994-66470	A 19940311
			JP 1994-73778	A 19940322
			JP 1994-79239	A 19940328
			JP 1994-130900	A 19940523
			JP 1994-130901	A 19940523
			JP 1994-203026	A3 19940805
			US 1994-297588	A3 19940829

OTHER SOURCE(S): MARPAT 123:202246

AB A storage-stable, curable composition comprises (A) a compound having in the mol.

two or more specific blocked carboxyl groups; (B) a compound having in the mol. two or more reactive functional groups which can form chemical bonds with the blocked carboxyl groups, and (C) a catalytic component selected from the group consisting of a thermal latent acid catalyst which comprises (a) (i) a compound having a epoxy group, (ii) a specific compound having a sulfur atom and (iii) a specific Lewis acid; a thermal latent acid catalyst which comprises (b) (v) a specific compound having at least one selected from the group consisting of a nitrogen atom, an oxygen atom, a phosphorus atom and a sulfur atom, (vi) a specific compound having a halogen atom and (vii) a specific Lewis acid having at least one selected from the group consisting of an aluminum atom, a zinc atom and a tin atom; and a mixture which comprises (c) (viii) a metallic chelate compound and (ix) a specific organic silicon compound or its

the

condensate. A two component curable composition is prepared by mixing (I) a main

material composition or a solution thereof comprising the compound (A) and the compound (B) or a self-crosslinkable compound (D) having in the mol. ≥ 1 blocked carboxyl groups and ≥ 1 group that forms chemical bonds with the carboxyl groups during curing, and (II) an above-described acid catalyst. The curable composition of the invention gives cured products having excellent chemical properties, phys. properties, weathering resistance, stain resistance and excellent appearance. A typical composition for coatings contained 100 parts 57.2% solution of copolymer of $\text{CH}_2:\text{CMeCO}_2\text{CHMeOEt}$ 167.2, Bu methacrylate 100, Me methacrylate 178.6, and 2-ethylhexyl acrylate 135.4, 15.5 parts Denacol EX 421 (epoxy resin), 1.7 parts latent catalyst containing propylene oxide 11.62, Pr sulfide 23.64, and Sn octanoate 40.51, 52.4 parts TiO_2 , 0.3 parts Modaflow, 10 parts xylene, and 2 parts BuOAc.

IT 168194-26-1P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(thermoset coatings with good chemical and phys. properties and weather and stain resistance)

RN 168194-26-1 CAPLUS

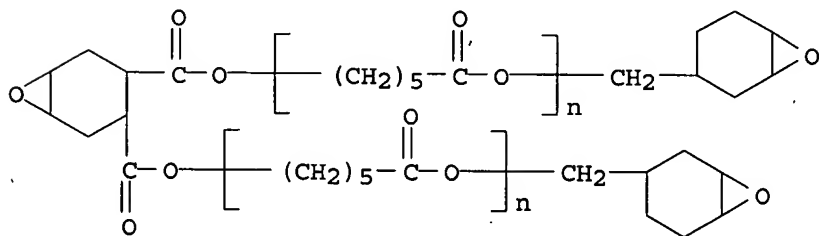
CN 1,3-Isobenzofurandione, hexahydro-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and ω, ω' -[7-oxabicyclo[4.1.0]heptane-3,4-diylbis(carbonyloxy)]bis[α -(7-oxabicyclo[4.1.0]hept-3-ylmethyl)poly[oxy(1-oxo-1,6-hexanediyl)]] (9CI) (CA INDEX NAME)

CM 1

CRN 151465-24-6

CMF $(\text{C}_6 \text{ H}_{10} \text{ O}_2)_n (\text{C}_6 \text{ H}_{10} \text{ O}_2)_n \text{C}_{22} \text{ H}_{30} \text{ O}_7$

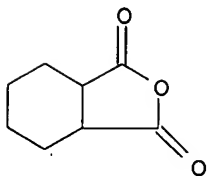
CCI PMS



CM 2

CRN 85-42-7

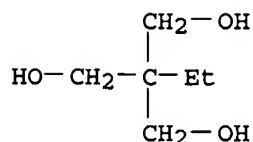
CMF $\text{C}_8 \text{ H}_{10} \text{ O}_3$



CM 3

CRN 77-99-6

CMF $\text{C}_6 \text{ H}_{14} \text{ O}_3$



L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:238663 CAPLUS

DOCUMENT NUMBER: 123:143564

TITLE: Radical cyclization of dienes and enynes using phosphorus- and sulfur-centered radicals

AUTHOR(S): Brumwell, Julie E.; Simpkins, Nigel S.; Terrett, Nicholas K.

CORPORATE SOURCE: Dep. of Chemistry, Univ. of Nottingham, Nottingham, NG7 2RD, UK

SOURCE: Tetrahedron (1994), 50(47), 13533-52
CODEN: TETRAB; ISSN: 0040-4020

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 123:143564

AB Reaction of a number of 1,6-diene or enyne systems [e.g., 3-(allyloxy)- or 3-(propargyloxy)cyclohexene] with p-MeC₆H₄SO₂SePh under free radical conditions results in selenosulfonylation with concomitant C-C bond formation to give cyclic compds. (e.g., perhydrobenzofurans) containing tosylmethyl or tosylmethylene substituents and the synthetically useful phenylselenenyl functionally. Similar cyclizations are possible by using Ph₂PH in place of p-MeC₆H₄SO₂SePh.

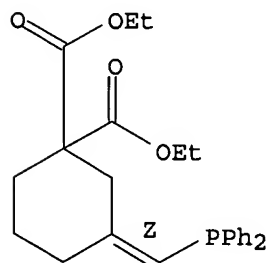
IT 166301-82-2P 166301-83-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(radical cyclization of dienes and enynes using phosphorus- and sulfur-centered radicals)

RN 166301-82-2 CAPLUS

CN 1,1-Cyclohexanedicarboxylic acid, 3-[(diphenylphosphino)methylene]-, diethyl ester, (Z)- (9CI) (CA INDEX NAME)

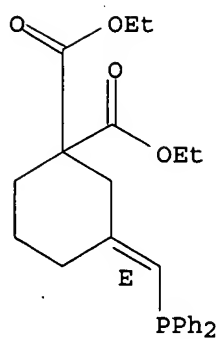
Double bond geometry as shown.



RN 166301-83-3 CAPLUS

CN 1,1-Cyclohexanedicarboxylic acid, 3-[(diphenylphosphino)methylene]-, diethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



=>